856 Ship Notice/Manifest

Functional Group ID=SH

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Ship Notice/Manifest Transaction Set (856) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as order information, product description, physical characteristics, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment. The transaction set enables the sender to describe the contents and configuration of a shipment in various levels of detail and provides an ordered flexibility to convey information. The sender of this transaction is the organization responsible for detailing and communicating the contents of a shipment, or shipments, to one or more receivers of the transaction set. The receiver of this transaction set can be any organization having an interest in the contents of a shipment or information about the contents of a shipment.

Notes:

DoD users of this IC should refer to the Defense Logistics Management System (DLMS) Supplement to the Federal Implementation Convention (IC) available at URL: http://www.dla.mil/j-6/dlmso. As situations warrant, the DLMS Supplement may provide additional business rules, conditions, and authorized codes necessary for appropriate use of this IC within the DLMS prior to inclusion in this federal IC.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
4	0100	ST	Transaction Set Header	M	1		
5	0200	BSN	Beginning Segment for Ship Notice	M	1		
Not Used	0400	DTM	Date/Time Reference	O	10		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - HL			200000	
7	0100	HL	Hierarchical Level	M	1		c1
8	0200	LIN	Item Identification	O	1		
11	0300	SN1	Item Detail (Shipment)	O	1		
Not Used	0400	SLN	Subline Item Detail	O	1000		
Not Used	0500	PRF	Purchase Order Reference	O	1		
Not Used	0600	PO4	Item Physical Details	O	1		
Not Used	0700	PID	Product/Item Description	O	200		
Not Used	0800	MEA	Measurements	O	40		
Not Used	0900	PWK	Paperwork	O	25		

Not Used	1000	PKG	Marking, Packaging, Loading	O	25		
Not Used	1100	TD1	Carrier Details (Quantity and Weight)	O	20		
12	1200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
			LOOP ID - TD3			12	
Not Used	1300	TD3	Carrier Details (Equipment)	O	1		
Not Used	1350	AT9	Trailer or Container Dimension and Weight	O	1		
Not Used	1400	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	1450	TSD	Trailer Shipment Details	O	1		
14	1500	REF	Reference Identification	O	>1		
Not Used	1510	PER	Administrative Communications Contact	O	3		
			LOOP ID - LH1			100	
Not Used	1520	LH1	Hazardous Identification Information	O	1		
Not Used	1530	LH2	Hazardous Classification Information	O	4		
Not Used	1540	LH3	Hazardous Material Shipping Name	O	12		
Not Used	1550	LFH	Freeform Hazardous Material Information	O	20		
Not Used	1560	LEP	EPA Required Data	O	>1		
Not Used	1570	LH4	Canadian Dangerous Requirements	O	1		
Not Used	1580	LHT	Transborder Hazardous Requirements	O	3		
Not Used	1590	LHR	Hazardous Material Identifying Reference Numbers	O	10		
Not Used	1600	PER	Administrative Communications Contact	O	5		
Not Used	1610	LHE	Empty Equipment Hazardous Material Information	O	1		
			LOOP ID - CLD			200	
Not Used	1700	CLD	Load Detail	O	1		
Not Used	1800	REF	Reference Identification	O	200		
Not Used	1850	DTP	Date or Time or Period	O	1		
Not Used	1900	MAN	Marks and Numbers	O	>1		
16	2000	DTM	Date/Time Reference	O	10		
Not Used	2100	FOB	F.O.B. Related Instructions	O	1		
Not Used	2150	PAL	Pallet Information	O	1		
			LOOP ID - N1			200	
17	2200	N1	Name	O	1		
Not Used	2300	N2	Additional Name Information	O	2		
Not Used	2400	N3	Address Information	O	2		
Not Used	2500	N4	Geographic Location	O	1		
Not Used	2600	REF	Reference Identification	O	12		
Not Used	2700	PER	Administrative Communications Contact	O	3		
Not Used	2800	FOB	F.O.B. Related Instructions	O	1		
Not Used	2900	SDQ	Destination Quantity	O	50		
Not Used	3000	ETD	Excess Transportation Detail	O	1		
Not Used	3100	CUR	Currency	O	1		
			LOOP ID - SAC			>1	
19	3200	SAC	Service, Promotion, Allowance, or Charge Information	O	1		

Not Used	3250	CUR	Currency	O	1		
Not Used	3300	GF	Furnished Goods and Services	O	1		
Not Used	3350	YNQ	Yes/No Question	O	10		
			LOOP ID - LM			10	
21	3400	LM	Code Source Information	O	1		
22	3500	LQ	Industry Code	M	100		
			LOOP ID - V1			>1	
Not Used	3600	V1	Vessel Identification	O	1		
Not Used	3700	R4	Port or Terminal	O	>1		
Not Used	3800	DTM	Date/Time Reference	O	>1		

Summary:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Not Used	0100	CTT	Transaction Totals	O	1		n1
23	0200	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. Number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of units shipped (SN102) for each SN1 segment.

Transaction Set Comments

1. The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.

Segment:		**ST** Transaction Set Header				
Position:		0100				
Loop:						
Level:		Heading				
Usage:		Mandatory				
Max Use:		1				
Purpose:		To indicate the start of a transaction set and to assign a control number				
Syntax Notes:						
Semantic Notes:		**1**	The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).			
		2	The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**ST01**	**143**	**Transaction Set Identifier Code**	**M**	**1**	**ID 3/3**
			Code uniquely identifying a Transaction Set			
			856 Ship Notice/Manifest			
M	**ST02**	**329**	**Transaction Set Control Number**	**M**	**1**	**AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			
			A unique number assigned by the originator of the transaction set, or the originator's application program.			
	ST03	**1705**	**Implementation Convention Reference**	**O**	**1**	**AN 1/35**
			Reference assigned to identify Implementation Convention			

Segment:		**BSN** Beginning Segment for Ship Notice					
Position:	0200						
Loop:							
Level:	Heading						
Usage:	Mandatory						
Max Use:	1						
Purpose:	To transmit identifying numbers, dates, and other basic data relating to the transaction set						
Syntax Notes:	**1**	If BSN07 is present, then BSN06 is required.					
Semantic Notes:	**1**	BSN03 is the date the shipment transaction set is created.					
	2	BSN04 is the time the shipment transaction set is created.					
	3	BSN06 is limited to shipment related codes.					

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	BSN01	353	**Transaction Set Purpose Code**	M	1	ID 2/2
			Code identifying purpose of transaction set			
			00 Original			
M	BSN02	396	**Shipment Identification**	M	1	AN 2/30
			A unique control number assigned by the original shipper to identify a specific shipment			
			Use "ZZ" for this data element to satisfy X12 syntax requirements.			
M	BSN03	373	**Date**	M	1	DT 8/8
			Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year			
			This date corresponds to the Universal Time Coordinate (UTC).			
M	BSN04	337	**Time**	M	1	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)			
			1. Express the originating activity's time in UTC.			
			2. Express time in a four position (HHMM) format.			
Not Used	BSN05	1005	**Hierarchical Structure Code**	O	1	ID 4/4
			Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set			
	BSN06	640	**Transaction Type Code**	X	1	ID 2/2
			Code specifying the type of transaction			
			SH Shipment Status Notification			
Not Used	BSN07	641	**Status Reason Code**	O	1	ID 3/3

Code indicating the status reason

Segment:	**HL** Hierarchical Level					
Position:	0100					
Loop:	HL	Mandatory				
Level:	Detail					
Usage:	Mandatory					
Max Use:	1					
Purpose:	To identify dependencies among and the content of hierarchically related groups of data segments					
Syntax Notes:						
Semantic Notes:						

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
M	HL01	628	**Hierarchical ID Number**	M	1	AN 1/12
			A unique number assigned by the sender to identify a particular data segment in a hierarchical structure			
Not Used	HL02	734	**Hierarchical Parent ID Number**	O	1	AN 1/12
			Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to			
M	HL03	735	**Hierarchical Level Code**	M	1	ID 1/2
			Code defining the characteristic of a level in a hierarchical structure			

    I   Item

    V   Address Information

    W   Transaction Reference Number

Not Used	HL04	736	**Hierarchical Child Code**	O	1	ID 1/1
			Code indicating if there are hierarchical child data segments subordinate to the level being described			

Segment:	**LIN** Item Identification	
Position:	0200	
Loop:	HL	Mandatory
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify basic item identification data	
Syntax Notes:	1	If either LIN04 or LIN05 is present, then the other is required.
	2	If either LIN06 or LIN07 is present, then the other is required.
	3	If either LIN08 or LIN09 is present, then the other is required.
	4	If either LIN10 or LIN11 is present, then the other is required.
	5	If either LIN12 or LIN13 is present, then the other is required.
	6	If either LIN14 or LIN15 is present, then the other is required.
	7	If either LIN16 or LIN17 is present, then the other is required.
	8	If either LIN18 or LIN19 is present, then the other is required.
	9	If either LIN20 or LIN21 is present, then the other is required.
	10	If either LIN22 or LIN23 is present, then the other is required.
	11	If either LIN24 or LIN25 is present, then the other is required.
	12	If either LIN26 or LIN27 is present, then the other is required.
	13	If either LIN28 or LIN29 is present, then the other is required.
	14	If either LIN30 or LIN31 is present, then the other is required.
Semantic Notes:	1	LIN01 is the line item identification

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
	LIN01	350	**Assigned Identification**	O	1	AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set			
M	LIN02	235	**Product/Service ID Qualifier**	M	1	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
			KD Replacement National Stock Number			
			SW Stock Number			
M	LIN03	234	**Product/Service ID**	M	1	AN 1/48
			Identifying number for a product or service			
	LIN04	235	**Product/Service ID Qualifier**	X	1	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
			Refer to 004030 Data Element Dictionary for acceptable code values.			
	LIN05	234	**Product/Service ID**	X	1	AN 1/48
			Identifying number for a product or service			
Not Used	LIN06	235	**Product/Service ID Qualifier**	X	1	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	LIN07	234	**Product/Service ID**	X	1	AN 1/48

Identifying number for a product or service

Not Used	LIN08	235	**Product/Service ID Qualifier**	X	1	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	LIN09	234	**Product/Service ID**	X	1	AN 1/48

Identifying number for a product or service

Not Used	LIN10	235	**Product/Service ID Qualifier**	X	1	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	LIN11	234	**Product/Service ID**	X	1	AN 1/48

Identifying number for a product or service

Not Used	LIN12	235	**Product/Service ID Qualifier**	X	1	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	LIN13	234	**Product/Service ID**	X	1	AN 1/48

Identifying number for a product or service

Not Used	LIN14	235	**Product/Service ID Qualifier**	X	1	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	LIN15	234	**Product/Service ID**	X	1	AN 1/48

Identifying number for a product or service

Not Used	LIN16	235	**Product/Service ID Qualifier**	X	1	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	LIN17	234	**Product/Service ID**	X	1	AN 1/48

Identifying number for a product or service

Not Used	LIN18	235	**Product/Service ID Qualifier**	X	1	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	LIN19	234	**Product/Service ID**	X	1	AN 1/48

Identifying number for a product or service

Not Used	LIN20	235	**Product/Service ID Qualifier**	X	1	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	LIN21	234	**Product/Service ID**	X	1	AN 1/48

Identifying number for a product or service

Not Used	LIN22	235	**Product/Service ID Qualifier**	X	1	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	LIN23	234	**Product/Service ID**	X	1	AN 1/48
			Identifying number for a product or service			
Not Used	LIN24	235	**Product/Service ID Qualifier**	X	1	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
Not Used	LIN25	234	**Product/Service ID**	X	1	AN 1/48
			Identifying number for a product or service			
Not Used	LIN26	235	**Product/Service ID Qualifier**	X	1	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
Not Used	LIN27	234	**Product/Service ID**	X	1	AN 1/48
			Identifying number for a product or service			
Not Used	LIN28	235	**Product/Service ID Qualifier**	X	1	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
Not Used	LIN29	234	**Product/Service ID**	X	1	AN 1/48
			Identifying number for a product or service			
Not Used	LIN30	235	**Product/Service ID Qualifier**	X	1	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
Not Used	LIN31	234	**Product/Service ID**	X	1	AN 1/48
			Identifying number for a product or service			

Segment: **SN1** Item Detail (Shipment)

Position:	0300
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify line-item detail relative to shipment
Syntax Notes:	1 If either SN105 or SN106 is present, then the other is required.
Semantic Notes:	1 SN101 is the ship notice line-item identification.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Not Used	SN101	350	**Assigned Identification**	O	1	AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set			
M	SN102	382	**Number of Units Shipped**	M	1	R 1/10
			Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set			
M	SN103	355	**Unit or Basis for Measurement Code**	M	1	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
			EA Each			
Not Used	SN104	646	**Quantity Shipped to Date**	O	1	R 1/15
			Number of units shipped to date			
	SN105	330	**Quantity Ordered**	X	1	R 1/15
			Quantity ordered			
	SN106	355	**Unit or Basis for Measurement Code**	X	1	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
			EA Each			
Not Used	SN107	728	**Returnable Container Load Make-Up Code**	O	1	ID 1/2
			Code identifying the load make-up of the returnable containers in the shipment			
Not Used	SN108	668	**Line Item Status Code**	O	1	ID 2/2
			Code specifying the action taken by the seller on a line item requested by the buyer			

Segment:	**TD5** Carrier Details (Routing Sequence/Transit Time)	
Position:	1200	
Loop:	HL Mandatory	
Level:	Detail	
Usage:	Optional	
Max Use:	12	
Purpose:	To specify the carrier and sequence of routing and provide transit time information	
Syntax Notes:	1	At least one of TD502 TD504 TD505 TD506 or TD512 is required.
	2	If TD502 is present, then TD503 is required.
	3	If TD507 is present, then TD508 is required.
	4	If TD510 is present, then TD511 is required.
	5	If TD513 is present, then TD512 is required.
	6	If TD514 is present, then TD513 is required.
	7	If TD515 is present, then TD512 is required.
Semantic Notes:	1	TD515 is the country where the service is to be performed.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Not Used	TD501	133	**Routing Sequence Code**	O	1	ID 1/2
			Code describing the relationship of a carrier to a specific shipment movement			
Not Used	TD502	66	**Identification Code Qualifier**	X	1	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)			
Not Used	TD503	67	**Identification Code**	X	1	AN 2/80
			Code identifying a party or other code			
	TD504	91	**Transportation Method/Type Code**	X	1	ID 1/2
			Code specifying the method or type of transportation for the shipment			
			Use to identify the mode of shipment.			
			Refer to 004030 Data Element Dictionary for acceptable code values.			
Not Used	TD505	387	**Routing**	X	1	AN 1/35
			Free-form description of the routing or requested routing for shipment, or the originating carrier's identity			
Not Used	TD506	368	**Shipment/Order Status Code**	X	1	ID 2/2
			Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction			
Not Used	TD507	309	**Location Qualifier**	O	1	ID 1/2
			Code identifying type of location			
Not Used	TD508	310	**Location Identifier**	X	1	AN 1/30
			Code which identifies a specific location			
Not Used	TD509	731	**Transit Direction Code**	O	1	ID 2/2

The point of origin and point of direction

Not Used	TD510	732	**Transit Time Direction Qualifier**	O	1	ID 2/2

Code specifying the value of time used to measure the transit time

Not Used	TD511	733	**Transit Time**	X	1	R 1/4

The numeric amount of transit time

Not Used	TD512	284	**Service Level Code**	X	1	ID 2/2

Code indicating the level of transportation service or the billing service offered by the transportation carrier

Not Used	TD513	284	**Service Level Code**	X	1	ID 2/2

Code indicating the level of transportation service or the billing service offered by the transportation carrier

Not Used	TD514	284	**Service Level Code**	O	1	ID 2/2

Code indicating the level of transportation service or the billing service offered by the transportation carrier

Not Used	TD515	26	**Country Code**	O	1	ID 2/3

Code identifying the country

Segment:	**REF** Reference Identification					

Segment: **REF** Reference Identification

Position: 1500

Loop: HL   Mandatory

Level: Detail

Usage: Optional

Max Use: >1

Purpose: To specify identifying information

Syntax Notes:
1   At least one of REF02 or REF03 is required.
2   If either C04003 or C04004 is present, then the other is required.
3   If either C04005 or C04006 is present, then the other is required.

Semantic Notes:
1   REF04 contains data relating to the value cited in REF02.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes		
M	REF01	128	**Reference Identification Qualifier**	M	1	ID 2/3	

Code qualifying the Reference Identification

2I	Tracking Number	
AG	Agent's Shipment Number	
BL	Government Bill of Lading	
BM	Bill of Lading Number	
PM	Part Number	
SE	Serial Number	
TG	Transportation Control Number (TCN)	
TN	Transaction Reference Number	
U3	Unique Supplier Identification Number (USIN)	

	Ref. Des.	Data Element	Name	Attributes		
	REF02	127	**Reference Identification**	X	1	AN 1/50

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Not Used	REF03	352	**Description**	X	1	AN 1/80

A free-form description to clarify the related data elements and their content

Not Used	REF04	C040	**Reference Identifier**	O	1	

To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

Not Used	C04001	128	**Reference Identification Qualifier**	M		ID 2/3

Code qualifying the Reference Identification

Not Used	C04002	127	**Reference Identification**	M		AN 1/50

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Not Used	C04003	128	**Reference Identification Qualifier**	X		ID 2/3

Code qualifying the Reference Identification

Not Used	**C04004**	**127**	**Reference Identification**	**X**	**AN 1/50**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Not Used	**C04005**	**128**	**Reference Identification Qualifier**	**X**	**ID 2/3**

Code qualifying the Reference Identification

Not Used	**C04006**	**127**	**Reference Identification**	**X**	**AN 1/50**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment: **DTM** Date/Time Reference

Position:	2000
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional
Max Use:	10
Purpose:	To specify pertinent dates and times
Syntax Notes:	**1** At least one of DTM02 DTM03 or DTM05 is required.
	2 If DTM04 is present, then DTM03 is required.
	3 If either DTM05 or DTM06 is present, then the other is required.
Semantic Notes:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	DTM01	374	**Date/Time Qualifier**	M	1	ID 3/3

Code specifying type of date or time, or both date and time

011	Shipped
079	Promised for Shipment
868	Last Follow-up

	Ref. Des.	Data Element	Name	Attributes		
	DTM02	373	**Date**	X	1	DT 8/8

Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

	Ref. Des.	Data Element	Name	Attributes		
Not Used	DTM03	337	**Time**	X	1	TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

	Ref. Des.	Data Element	Name	Attributes		
Not Used	DTM04	623	**Time Code**	O	1	ID 2/2

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

	Ref. Des.	Data Element	Name	Attributes		
Not Used	DTM05	1250	**Date Time Period Format Qualifier**	X	1	ID 2/3

Code indicating the date format, time format, or date and time format

	Ref. Des.	Data Element	Name	Attributes		
Not Used	DTM06	1251	**Date Time Period**	X	1	AN 1/35

Expression of a date, a time, or range of dates, times or dates and times

Segment:		**N1** Name					
Position:		2200					
Loop:		N1	Optional				
Level:		Detail					
Usage:		Optional					
Max Use:		1					
Purpose:		To identify a party by type of organization, name, and code					
Syntax Notes:		1	At least one of N102 or N103 is required.				
		2	If either N103 or N104 is present, then the other is required.				
Semantic Notes:							

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**N101**	**98**	**Entity Identifier Code**	**M**	**1**	**ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual			
			BT Bill-to-Party			
			DT Destination Terminal			
			EBA Party Returning Transfer			
			IC Intermediate Consignee			
			MF Manufacturer of Goods			
			T4 Transfer Point			
			Z4 Owning Inventory Control Point			
Not Used	**N102**	**93**	**Name**	**X**	**1**	**AN 1/60**
			Free-form name			
	N103	**66**	**Identification Code Qualifier**	**X**	**1**	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)			
			10 Department of Defense Activity Address Code (DODAAC)			
			M4 Department of Defense Routing Identifier Code (RIC)			
	N104	**67**	**Identification Code**	**X**	**1**	**AN 2/80**
			Code identifying a party or other code			
Not Used	**N105**	**706**	**Entity Relationship Code**	**O**	**1**	**ID 2/2**
			Code describing entity relationship			
	N106	**98**	**Entity Identifier Code**	**O**	**1**	**ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual			
			FR Message From			

> *1. Must use to indicate the organization cited in N104 is originating the transaction set.*

2. Identification of the message from organization is applicable to the Address Loop.

TO   Message To

Must use to indicate the organization cited in N104 is receiving the transaction.

Segment: **SAC** Service, Promotion, Allowance, or Charge Information

Position:	3200
Loop:	SAC Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Syntax Notes:
1. At least one of SAC02 or SAC03 is required.
2. If either SAC03 or SAC04 is present, then the other is required.
3. If either SAC06 or SAC07 is present, then the other is required.
4. If either SAC09 or SAC10 is present, then the other is required.
5. If SAC11 is present, then SAC10 is required.
6. If SAC13 is present, then at least one of SAC02 or SAC04 is required.
7. If SAC14 is present, then SAC13 is required.
8. If SAC16 is present, then SAC15 is required.

Semantic Notes:
1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
3. SAC08 is the allowance or charge rate per unit.
4. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
   SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
5. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
6. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
7. SAC16 is used to identify the language being used in SAC15.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
M	SAC01	248	**Allowance or Charge Indicator**	M	1	ID 1/1
			Code which indicates an allowance or charge for the service specified			
			C Charge			
	SAC02	1300	**Service, Promotion, Allowance, or Charge Code**	X	1	ID 4/4
			Code identifying the service, promotion, allowance, or charge			
			B800 Credit			
	SAC03	559	**Agency Qualifier Code**	X	1	ID 2/2
			Code identifying the agency assigning the code values			
			Refer to 004030 Data Element Dictionary for acceptable code values.			
	SAC04	1301	**Agency Service, Promotion, Allowance, or Charge Code**	X	1	AN 1/10

			Agency maintained code identifying the service, promotion, allowance, or charge			
	SAC05	610	**Amount**	**O**	**1**	**N2 1/15**
			Monetary amount			
Not Used	SAC06	378	**Allowance/Charge Percent Qualifier**	X	1	ID 1/1
			Code indicating on what basis allowance or charge percent is calculated			
Not Used	SAC07	332	**Percent**	X	1	R 1/6
			Percent expressed as a percent			
Not Used	SAC08	118	**Rate**	O	1	R 1/9
			Rate expressed in the standard monetary denomination for the currency specified			
Not Used	SAC09	355	**Unit or Basis for Measurement Code**	X	1	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
Not Used	SAC10	380	**Quantity**	X	1	R 1/15
			Numeric value of quantity			
Not Used	SAC11	380	**Quantity**	O	1	R 1/15
			Numeric value of quantity			
Not Used	SAC12	331	**Allowance or Charge Method of Handling Code**	O	1	ID 2/2
			Code indicating method of handling for an allowance or charge			
Not Used	SAC13	127	**Reference Identification**	X	1	AN 1/50
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
Not Used	SAC14	770	**Option Number**	O	1	AN 1/20
			A unique number identifying available promotion or allowance options when more than one is offered			
Not Used	SAC15	352	**Description**	X	1	AN 1/80
			A free-form description to clarify the related data elements and their content			
Not Used	SAC16	819	**Language Code**	O	1	ID 2/3
			Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)			

	Segment:	**LM** Code Source Information
	Position:	3400
	Loop:	LM Optional
	Level:	Detail
	Usage:	Optional
	Max Use:	1
	Purpose:	To transmit standard code list identification information
	Syntax Notes:	
	Semantic Notes:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**LM01**	**559**	**Agency Qualifier Code**	**M**	**1**	**ID 2/2**
			Code identifying the agency assigning the code values			
			DF Department of Defense (DoD)			
Not Used	**LM02**	**822**	**Source Subqualifier**	**O**	**1**	**AN 1/15**
			A reference that indicates the table or text maintained by the Source Qualifier			

Segment:	**LQ** Industry Code
Position:	3500
Loop:	LM Optional
Level:	Detail
Usage:	Mandatory
Max Use:	100
Purpose:	Code to transmit standard industry codes
Syntax Notes:	1 If LQ01 is present, then LQ02 is required.
Semantic Notes:	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
LQ01	**1270**	**Code List Qualifier Code**	**O 1 ID 1/3**

Code identifying a specific industry code list

80	Advice Code
A9	Supplemental Data
CK	Coupon Adjustment Reason Code
COG	Cognizance Symbol
DE	Signal Code
DG	Fund Code
ET	Reject Advice Code
IMC	Item Management Code
MCC	Material Control Code
QA	Response Status Code
SMI	Special Material Identification Code

Ref. Des.	Data Element	Name	Attributes
LQ02	**1271**	**Industry Code**	**X 1 AN 1/30**

Code indicating a code from a specific industry code list

Segment:		**SE** Transaction Set Trailer				
Position:		0200				
Loop:						
Level:		Summary				
Usage:		Mandatory				
Max Use:		1				
Purpose:		To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)				
Syntax Notes:						
Semantic Notes:						

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	SE01	96	**Number of Included Segments**	M	1	N0 1/10
			Total number of segments included in a transaction set including ST and SE segments			
M	SE02	329	**Transaction Set Control Number**	M	1	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			